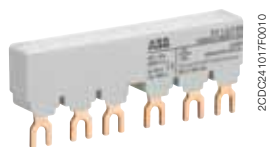


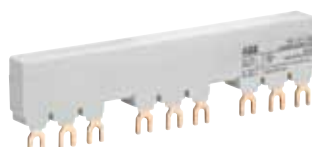
# MS116, MS132, MO132 manual motor starters

## Main accessories



PS1-2-0-65

2CDC241017F0010



PS1-3-1-100

2CDC241014F0010



S1-M1-25

1SBC101228F0014



S1-M2-25

1SBC101266F0014



SA1

SK0108B01



SA2



2CDC241023F0013

### Description

Three-phase busbars ensure a quick and safe connection and are therefore a cost effective solution. A variety of different three-phase busbars up to 100 A are in the assortment. Between 2 and 5 manual motor starters with none, one or two lateral auxiliary contacts can be connected. Different three-phase feeder terminals are available according to the application.

### Ordering details

Suitable for	Rated operational current A	Number of MMS	Number of lateral aux.	Type	Order code	Pkg qty	Weight (1 pce) kg
<b>Three-phase busbars</b>							
MS116, MS132, MO132	65	2	0	PS1-2-0-65	1SAM201906R1102	10	0.034
	65	3	0	PS1-3-0-65	1SAM201906R1103	10	0.055
	65	4	0	PS1-4-0-65	1SAM201906R1104	10	0.077
	65	5	0	PS1-5-0-65	1SAM201906R1105	10	0.098
	65	2	1	PS1-2-1-65	1SAM201906R1112	10	0.036
	65	3	1	PS1-3-1-65	1SAM201906R1113	10	0.060
	65	4	1	PS1-4-1-65	1SAM201906R1114	10	0.087
	65	5	1	PS1-5-1-65	1SAM201906R1115	10	0.108
	65	2	2	PS1-2-2-65	1SAM201906R1122	10	0.040
	65	3	2	PS1-3-2-65	1SAM201906R1123	10	0.067
MS116, MS132, MO132	65	4	2	PS1-4-2-65	1SAM201906R1124	10	0.095
	65	5	2	PS1-5-2-65	1SAM201906R1125	10	0.122
	100	3	0	PS1-3-0-100	1SAM201916R1103	10	0.084
	100	4	0	PS1-4-0-100	1SAM201916R1104	10	0.117
	100	5	0	PS1-5-0-100	1SAM201916R1105	10	0.154
	100	3	1	PS1-3-1-100	1SAM201916R1113	10	0.094
	100	4	1	PS1-4-1-100	1SAM201916R1114	10	0.134
	100	5	1	PS1-5-1-100	1SAM201916R1115	10	0.172
	100	3	2	PS1-3-2-100	1SAM201916R1123	10	0.105

Suitable for	Rated operational current A	Rated cross section mm <sup>2</sup>	Mounting form	Type	Order code	Pkg qty	Weight (1 pce) kg
<b>Three-phase feeder terminals</b>							
MS116, MS132, MO132	65	25	Flat	S1-M1-25	1SAM201907R1101	10	0.038
	65	25	High	S1-M2-25	1SAM201907R1102	10	0.051
	65	25	UL type E and IEC	S1-M3-25	1SAM201907R1103	10	0.042
	100	35	UL type E and IEC	S1-M3-35	1SAM201913R1103	10	0.060

Suitable for	Description	Type	Order code	Pkg qty	Weight (1 pce) kg
MS116, MS132, MO132	Protection cover for busbars	BS1-3	1SAM201908R1001	50	0.003
	Screw fixing kit	FS116	1SAM201909R1001	1	0.020
	Padlock + two keys	SA2	GJF1101903R0002	10	0.020
MS116	Lock handle	SA1	GJF1101903R0001	10	0.003
	Lock handle box SA1/SA2	SA3	GJF1101903R0003	10	0.050

# MS116, MS132, MO132 manual motor starters





## Main accessories

### General technical data

Type	PS1-xxx-65	PS1-xxx-100	S1-Mx-25	S1-Mx-35
Standards	IEC/EN 60947-4-1, IEC/EN 60947-1			
Rated operational voltage U <sub>e</sub>	690 V			
Rated operational current I <sub>e</sub>	65 A	100 A	65 A	100 A
Rated frequency	50/60 Hz			
Rated impulse withstand voltage U <sub>imp</sub>	6 kV			
Rated insulation voltage U <sub>i</sub>	690 V AC			
Pollution degree	3			
Cross-section	10 mm <sup>2</sup>	16 mm <sup>2</sup>	25 mm <sup>2</sup>	35 mm <sup>2</sup>
Ambient air temperature	Operation -25 ... +70 °C Storage -50 ... +80 °C			
Resistance to shock acc. to IEC 60068-2-27	25g / 11 ms			
Resistance to vibrations acc. to IEC 60068-2-6	5g / 3 ... 150 Hz			

### Electrical connection

#### Main circuit

Type	S1-Mx-25	S1-Mx-35
Connecting capacity		
 Rigid	1 x : 6 ... 25 mm <sup>2</sup>	10 ... 35 mm <sup>2</sup>
 Flexible with ferrule	1 x : 6 ... 16 mm <sup>2</sup>	10 ... 35 mm <sup>2</sup>
 Flexible with insulated ferrule	1 x : 6 ... 16 mm <sup>2</sup>	10 ... 35 mm <sup>2</sup>
 Flexible	1 x : 6 ... 16 mm <sup>2</sup>	10 ... 35 mm <sup>2</sup>
Stranded acc. to UL/CSA	1 x : AWG 10-4	AWG 8-2
Flexible acc. to UL/CSA	1 x : AWG 10-6	AWG 8-2
Stripping length	10 mm	12 mm
Tightening torques	2.5 Nm / 22 lb.in	4.5 Nm / 40 lb.in
Connection screw	PZ2 (6 mm)	Hexagon SW4